

U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

EXPRESS MAIL LABEL NO.: None

January 10, 2006

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER: 4414.P0673US

U.S. APPLICATION NO. Confirmation No.: 2048  
(If known, see 37 CFR 1.5): 10/540 617

INTERNATIONAL APPLICATION NO.: PCT/JP2003/016799 INTERNATIONAL FILING DATE: December 25, 2003

PRIORITY DATE CLAIMED: December 26, 2002

TITLE OF INVENTION: METHOD FOR PROVIDING CANVAS OF PAPER-MAKING MACHINE  
WITH ANTI-STAINING AGENT THROUGH SPRINKLING, AND  
SLIDING SPRINKLE DEVICE AND ANTI-STAINING AGENT FOR USE THEREINAPPLICANTS FOR DO/EO/US: (1) Kunio SEKIYA, (2) Hiroshi SEKIYA, (3) Kotaro SHINODA,  
(4) Naoki IMAI and (5) Hidenori SAITO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:  
Copy of Notification of Missing Requirements Form PCT/DO/EO/905 dated November 14, 2005  
Postal Card

U.S. APPLICATION NO.  
(if known, see 37 CFR 1.5):  
10/540 617

INTERNATIONAL APPLICATION NO.:  
PCT/JP2003/016799

ATTORNEY'S DOCKET NUMBER:  
4414.P0673US

The following fees have been submitted:

	Calculations	PTO USE ONLY
21. [ ] BASIC NATIONAL FEE .....	\$300.00	\$

22. [ ] EXAMINATION FEE

If International preliminary examination report prepared by USPTO and all claims  
satisfy provisions of PCT Article 33(1)-(4).....\$100.00  
All other situations .....\$200.00

\$

23. [ ] SEARCH FEE

Search fee (37 CFR 1.445(a)(2) has been paid on the international application to  
the USPTO as an International Searching Authority.....\$100.00  
International Search Report prepared and provided to the Office .....\$400.00  
All other situations .....\$500.00

\$

**TOTAL OF 21, 22 AND 23 =**

\$

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding  
sequence listing or computer program listing filed in an electronic medium). The fee  
is \$250 for each additional 50 sheets of paper or fraction thereof.

Total sheets \_\_\_\_ - 100 = Extra sheets \_\_\_\_/50 = Number of each additional 50 or  
fraction thereof \_\_\_\_ x \$250 .....\$

Surcharge of **\$130.00** for furnishing the oath or declaration later than 30  
months from the earliest claimed priority date (37 CFR 1.492(h)).

\$130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	10 - 20 =	0	x \$ 50.00	\$
Ind. claims	1 - 3 =	0	x \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$
<b>TOTAL OF ABOVE CALCULATIONS</b>				=

[X] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.

**SUBTOTAL** = \$ 65.00

Processing fee of **\$130.00** for furnishing the English translation later than 30 months  
from the earliest claimed priority date (37 CFR 1.492(i)).

**TOTAL NATIONAL FEE** = \$ 65.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

**TOTAL FEES ENCLOSED** = + \$

\$ 65.00

01/18/2006 ATRAN1 00000160 10540817

Amount to be refunded: \$

01 FC:2617

65.00 DP

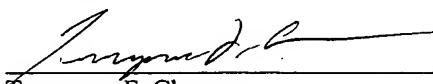
Amount to be charged: \$

- a. [X] A check in the amount of \$65.00 to cover the above fees is enclosed.
- b. [ ] Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate  
copy of this sheet is enclosed.
- c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to  
Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be  
filed and granted to restore the International Application to pending status.

IN DUPLICATE

PLEASE DIRECT CORRESPONDENCE TO THE ADDRESS  
ASSOCIATED WITH THE FOLLOWING CUSTOMER  
NUMBER: 23474

  
Terryence F. Chapman  
Registration Number: 32 549  
TFC/smd

FLYNN, THIEL, BOUTELL & TANIS, P.C.  
2026 Rambling Road  
Kalamazoo, Michigan 49008-1631

300.05/05  
Form PTO-1390 Page 2 of 2

EXPRESS MAIL LABEL NO.: None

RECEIVED  
PTO

13 JAN 2006

January 10, 2006

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER: 4414.P0673US

U.S. APPLICATION NO. Confirmation No.: 2048  
(If known, see 37 CFR 1.5): 10/540 617

INTERNATIONAL APPLICATION NO.: PCT/JP2003/016799

INTERNATIONAL FILING DATE: December 25, 2003

PRIORITY DATE CLAIMED: December 26, 2002

TITLE OF INVENTION: METHOD FOR PROVIDING CANVAS OF PAPER-MAKING MACHINE  
WITH ANTI-STAINING AGENT THROUGH SPRINKLING, AND  
SLIDING SPRINKLE DEVICE AND ANTI-STAINING AGENT FOR USE THEREINAPPLICANTS FOR DO/EO/US: (1) Kunio SEKIYA, (2) Hiroshi SEKIYA, (3) Kotaro SHINODA,  
(4) Naoki IMAI and (5) Hidenori SAITO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

Copy of Notification of Missing Requirements Form PCT/DO/EO/905 dated November 14, 2005  
Postal Card

U.S. APPLICATION NO.  
(if known, see 37 CFR 1.5):  
10/540 617

INTERNATIONAL APPLICATION NO.:  
PCT/JP2003/016799

ATTORNEY'S DOCKET NUMBER:  
4414.P0673US

The following fees have been submitted:

	Calculations	PTO USE ONLY
21. [ ] BASIC NATIONAL FEE .....	\$300.00	\$

22. [ ] EXAMINATION FEE

If International preliminary examination report prepared by USPTO and all claims  
satisfy provisions of PCT Article 33(1)-(4) ..... \$100.00  
All other situations ..... \$200.00

23. [ ] SEARCH FEE

Search fee (37 CFR 1.445(a)(2) has been paid on the international application to  
the USPTO as an International Searching Authority ..... \$100.00  
International Search Report prepared and provided to the Office ..... \$400.00  
All other situations ..... \$500.00

**TOTAL OF 21, 22 AND 23 =**

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding  
sequence listing or computer program listing filed in an electronic medium). The fee  
is \$250 for each additional 50 sheets of paper or fraction thereof.

Total sheets \_\_\_\_ - 100 = Extra sheets \_\_\_\_ /50 = Number of each additional 50 or  
fraction thereof \_\_\_\_ x \$250 ..... \$

Surcharge of **\$130.00** for furnishing the oath or declaration later than 30  
months from the earliest claimed priority date (37 CFR 1.492(h)). ..... \$130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	10 - 20 =	0	x \$ 50.00	\$
Ind. claims	1 - 3 =	0	x \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$

[X] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  
**SUBTOTAL** = \$ 65.00

Processing fee of **\$130.00** for furnishing the English translation later than 30 months  
from the earliest claimed priority date (37 CFR 1.492(i)). ..... \$ 65.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property  
**TOTAL FEES ENCLOSED** = \$ 65.00

**Amount to be refunded: \$**  
**Amount to be charged: \$**

a. [X] A check in the amount of **\$65.00** to cover the above fees is enclosed.  
b. [ ] Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate  
copy of this sheet is enclosed.  
c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to  
Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

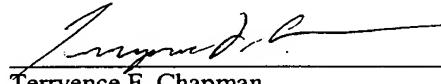
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be  
filed and granted to restore the International Application to pending status.

IN DUPLICATE

PLEASE DIRECT CORRESPONDENCE TO THE ADDRESS  
ASSOCIATED WITH THE FOLLOWING CUSTOMER  
NUMBER: 23474

300.05/05

Form PTO-1390 Page 2 of 2

  
Terryence F. Chapman  
Registration Number: 32 549  
TFC/smd

FLYNN, THIEL, BOUTELL & TANIS, P.C.  
2026 Rambling Road  
Kalamazoo, Michigan 49008-1631

Rec'd PCT/PTO 13 JAN 2006

PATENT APPLICATION

Applicants: Kunio SEKIYA et al

Title: METHOD FOR PROVIDING CANVAS OF PAPER-MAKING MACHINE  
WITH ANTI-STAINING AGENT THROUGH SPRINKLING, AND  
SLIDING SPRINKLE DEVICE AND  
ANTI-STAINING AGENT FOR USE THEREIN

PCT International Application No.: PCT/JP2003/016799

PCT International Filing Date: December 25, 2003

U.S. Application No.

(if known, see 37 CFR 1.5): 10/540 617

Confirmation No.: 2048

Atty. Docket No.: 4414.P0673US

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FIRST CLASS MAILING CERTIFICATE**

Sir:

I hereby certify that this correspondence is being  
deposited with the United States Postal Service under 37 CFR  
1.8 as first class mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450, on January 10, 2006.

  
\_\_\_\_\_  
Terryence F. Chapman

TFC/smd

FLYNN, THIEL, BOUTELL & TANIS, P.C. 2026 Rambling Road Kalamazoo, MI 49008-1631 Phone: (269) 381-1156 Fax: (269) 381-5465	Dale H. Thiel David G. Boutell Ronald J. Tanis Terryence F. Chapman Mark L. Maki Liane L. Churney Brian R. Tumm Steven R. Thiel Donald J. Wallace Kevin L. Pontius Sidney B. Williams, Jr.	Reg. No. 24 323 Reg. No. 25 072 Reg. No. 22 724 Reg. No. 32 549 Reg. No. 36 589 Reg. No. 40 694 Reg. No. 36 328 Reg. No. 53 685 Reg. No. 43 977 Reg. No. 37 512 Reg. No. 24 949
--	--	---

Correspondence: Form PTO-1390 Transmittal Letter  
dated January 10, 2006  
including enclosures listed thereon

390.05/05



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/540,617	Kunio Sekiya	4414.P0673US
		INTERNATIONAL APPLICATION NO.
		PCT/JP03/16799
I.A. FILING DATE		PRIORITY DATE
12/25/2003		12/26/2002
CONFIRMATION NO. 2048		
371 FORMALITIES LETTER		
 <small>*OC000000017445179*</small>		
<small>Date Mailed: 11/14/2005</small>		
<small>NOV 21 2005</small>		
<small>DJW KLP PMG            GMS CMC TFC            FILE</small>		

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/24/2005
- English Translation of the IA filed on 06/24/2005
- Copy of the International Search Report filed on 06/24/2005
- Preliminary Amendments filed on 06/24/2005
- Information Disclosure Statements filed on 06/24/2005
- Small Entity Statement filed on 06/24/2005
- U.S. Basic National Fees filed on 06/24/2005
- Priority Documents filed on 06/24/2005
- Specification filed on 06/24/2005
- Claims filed on 06/24/2005
- Abstracts filed on 06/24/2005
- Drawings filed on 06/24/2005

FILE NO:OPS 673 ATTY:TFC  
 DUE DATE:01-14-2006 (20060114)  
 4414.P0673US /INIT:(2005114)  
 ACTION:10 RES PER:2 M DK1  
 FILE FEE DEC, ET AL / 3571

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

---

Telephone: (703) 308-9140 EXT 225

---

**PART 1 - ATTORNEY/APPLICANT COPY**

---

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/540,617	PCT/JP03/16799	4414.P0673US

FORM PCT/DO/EO/905 (371 Formalities Notice)